

## SEQUENCE LISTING

<110> GeneSense Technologies Inc. et al.

<120> Antisense Oligonucleotides Directed To  
Ribonucleotide Reductase R2 and Uses Thereof in Combination  
Therapies for the Treatment of Cancer

<130> 683-134pct

<140> n/a

<141> 2005-01-12

<150> US60/535,496

<151> 2004-01-12

<150> US60/602,817

<151> 2004-08-18

<160> 105

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mRNA

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mRNA

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mRNA

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mRNA

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mRNA

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mRNA

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mRNA

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<210> 15  
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mRNA

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complementary to human ribonucleotide reductase R2  
mRNA

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mRNA

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mRNA

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complementary to human ribonucleotide reductase R2  
mRNA

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<210> 20  
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mRNA

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<210> 21  
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mRNA

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mRNA

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complementary to human ribonucleotide reductase R2  
mRNA

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mRNA

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mRNA

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<210> 26  
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mRNA

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cggcggcgtg ttctccttgt 20

<210> 27  
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complementary to human ribonucleotide reductase R2  
mRNA

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<210> 28  
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complementary to human ribonucleotide reductase R2  
mRNA

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<210> 29  
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mRNA

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ccgtgggctc ctggaagatc 20

<210> 30  
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complementary to human ribonucleotide reductase R2  
mRNA

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ctgcttttagt tttcggctcc 20

<210> 31  
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complementary to human ribonucleotide reductase R2  
mRNA

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<210> 32  
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complementary to human ribonucleotide reductase R2  
mRNA

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<210> 33  
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complementary to human ribonucleotide reductase R2  
mRNA

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complementary to human ribonucleotide reductase R2  
mRNA

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aagcgggggg ggttttctct 20

<210> 35  
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<210> 36  
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<210> 37  
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<210> 38  
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<210> 39  
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complementary to human ribonucleotide reductase R2  
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<210> 40  
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mRNA

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complementary to human ribonucleotide reductase R2  
mRNA

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gcaaagaaag ccagaacatg 20

<210> 42  
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complementary to human ribonucleotide reductase R2  
mRNA

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<210> 43  
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complementary to human ribonucleotide reductase R2  
mRNA

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gaagccatag aaacagcggg 20

<210> 45  
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complementary to human ribonucleotide reductase R2  
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<210> 46  
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mRNA

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<210> 47  
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complementary to human ribonucleotide reductase R2  
mRNA

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<210> 54  
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<210> 55  
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mRNA

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mRNA

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mRNA

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mRNA

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<210> 60  
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mRNA

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<210> 61  
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complementary to human ribonucleotide reductase R2  
mRNA

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<210> 62  
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mRNA

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<210> 63  
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complementary to human ribonucleotide reductase R2  
mRNA

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<210> 64  
<211> 20  
<212> DNA  
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complementary to human ribonucleotide reductase R2  
mRNA

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tcgcctactc tcttctcaaa 20

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<211> 20  
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mRNA

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<210> 66  
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mRNA

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<210> 67  
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complementary to human ribonucleotide reductase R2  
mRNA

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<210> 68  
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mRNA

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mRNA

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complementary to human ribonucleotide reductase R2  
mRNA

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complementary to human ribonucleotide reductase R2  
mRNA

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<210> 73  
<211> 20  
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mRNA

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<210> 74  
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mRNA

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complementary to human ribonucleotide reductase R2  
mRNA

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complementary to human ribonucleotide reductase R2  
mRNA

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aggactgggt gtgaggtagc 20

<210> 77  
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<220>  
<223> AS-II-1517-20 antisense oligonucleotides  
complementary to human ribonucleotide reductase R2  
mRNA

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<210> 78  
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<220>  
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mRNA

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<210> 79  
<211> 20  
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<220>  
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complementary to human ribonucleotide reductase R2  
mRNA

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gtaagtcaca gccagccagg 20

<210> 80  
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<220>  
<223> AS-II-1581-20 antisense oligonucleotides  
complementary to human ribonucleotide reductase R2  
mRNA

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actgccattg tcactgctat 20

<210> 81  
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<223> AS-II-1659-20 antisense oligonucleotides  
complementary to human ribonucleotide reductase R2  
mRNA

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tggctgtgct ggttaaagga 20

<210> 82  
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complementary to human ribonucleotide reductase R2  
mRNA

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ttttaactgg ctgtgctggt 20

<210> 83  
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complementary to human ribonucleotide reductase R2  
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attaaaaatct gcgttgaagc 20

<210> 84  
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complementary to human ribonucleotide reductase R2  
mRNA

<400> 84  
tatcgccgcc gtgagtacaa 20

<210> 85  
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<220>  
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complementary to human ribonucleotide reductase R2  
mRNA

<400> 85  
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<210> 86  
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complementary to human ribonucleotide reductase R2  
mRNA

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atcgccgccg tg 12

<210> 87  
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mRNA

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mRNA

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mRNA

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complementary to human ribonucleotide reductase R2  
mRNA

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cctgttcttct atctggcacc 20  
  
<210> 91  
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complementary to human ribonucleotide reductase R2  
mRNA

<400> 91  
gccacaggat aaaaacacaa 20

<210> 92  
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mRNA

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<210> 94  
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<210> 95  
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complementary to human ribonucleotide reductase R2  
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complementary to human ribonucleotide reductase R2  
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<210> 103  
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<213> Artificial Sequence

<220>  
<223> Antisense oligonucleotides complementary to human

## ribonucleotide reductase R2 mRNA

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<210> 104  
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